

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
 Data File : BF122077.D
 Acq On : 22 Oct 2020 11:48
 Operator : JU/CG
 Sample : PB132482BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132482BL

Quant Time: Oct 22 12:35:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

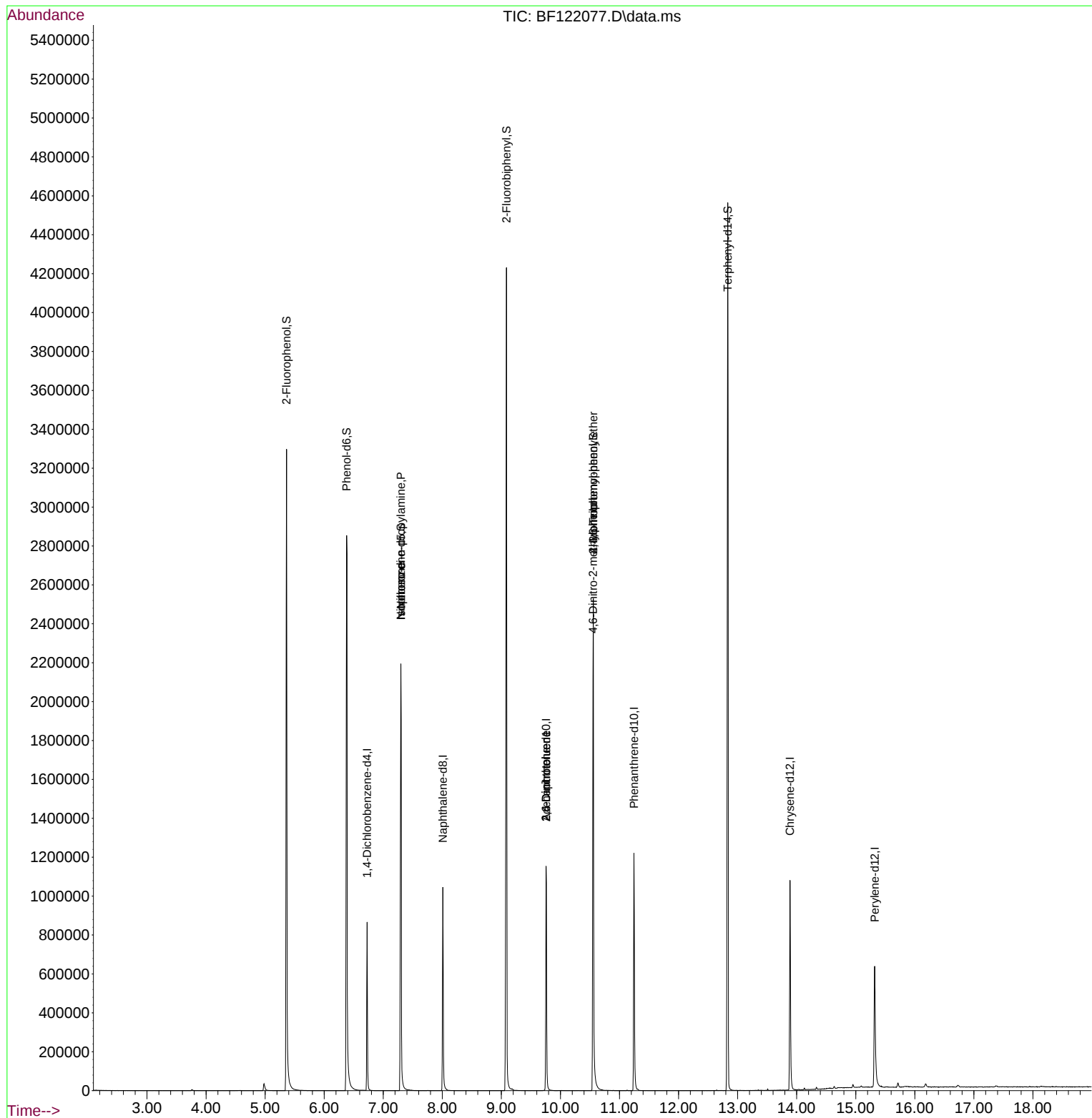
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	120501	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	491902	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	260165	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	502273	20.00	ng	0.00
76) Chrysene-d12	13.886	240	414943	20.00	ng	0.00
86) Perylene-d12	15.321	264	358696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	949168	116.26	ng	0.02
7) Phenol-d6	6.381	99	1208440	114.98	ng	0.00
23) Nitrobenzene-d5	7.298	82	866407	90.33	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	391647	121.69	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1451441	82.09	ng	0.00
79) Terphenyl-d14	12.833	244	1687224	77.49	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	1552	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.298	70	119168	19.91	ng	# 79
25) Isophorone	7.298	82	856564	47.23	ng	# 67
51) 2,6-Dinitrotoluene	9.757	165	32258	7.73	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	32258	6.28	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.551	198	748	4.63	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	22096	3.81	ng	# 1

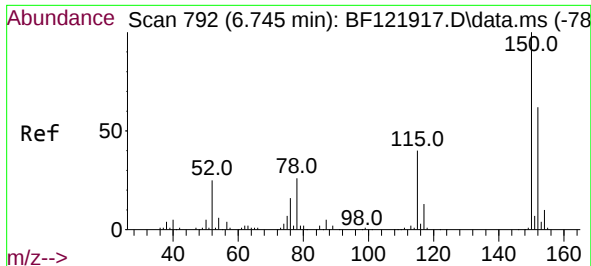
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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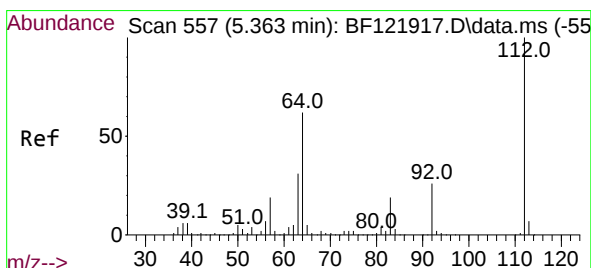
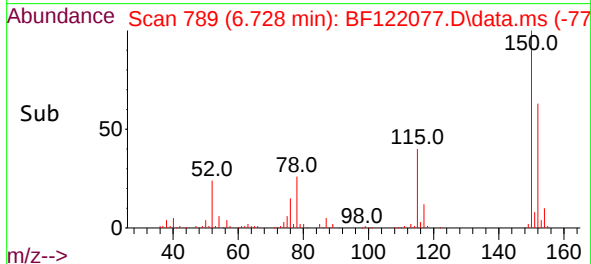
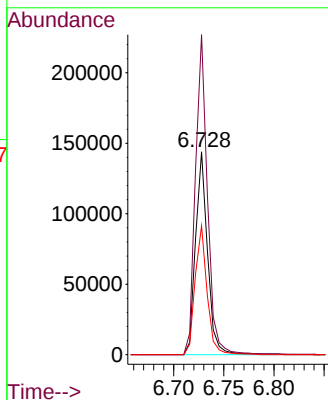
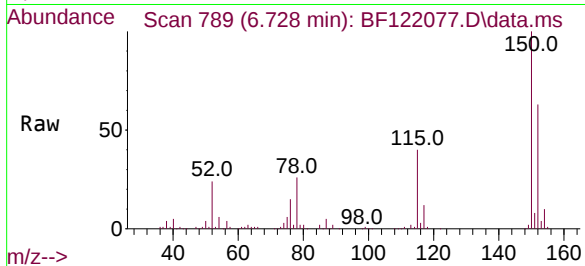




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

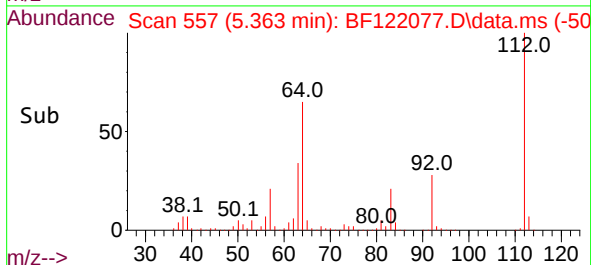
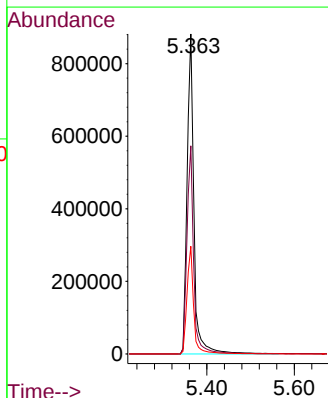
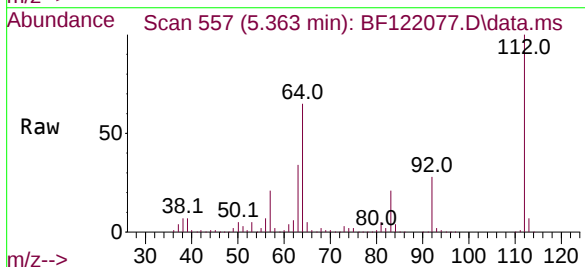
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BNA_F
ClientSampleId :
PB132482BL

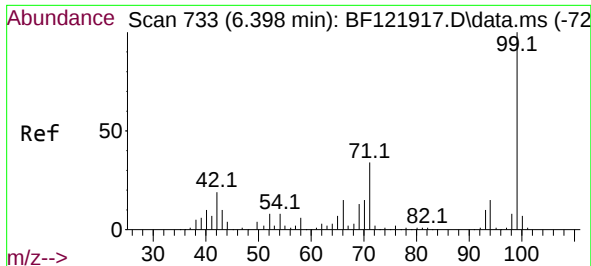
Tgt Ion:152 Resp: 120501
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 63.5 51.9 77.9



#5
2-Fluorophenol
Concen: 116.26 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.018 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

Tgt Ion:112 Resp: 949168
Ion Ratio Lower Upper
112 100
64 65.0 50.4 75.6
63 33.7 25.8 38.6

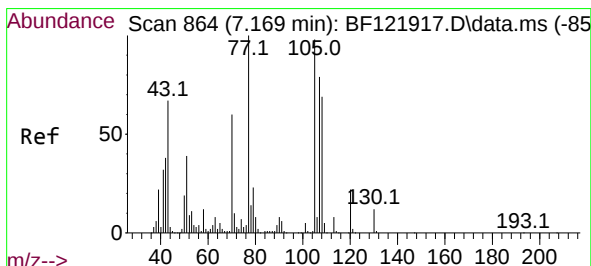
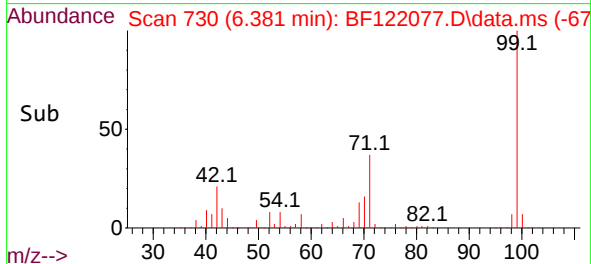
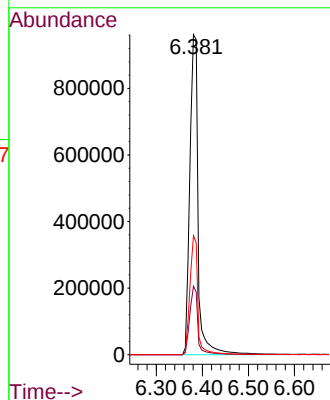
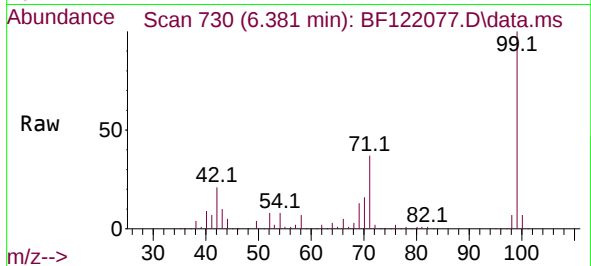




#7
Phenol-d6
Concen: 114.98 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

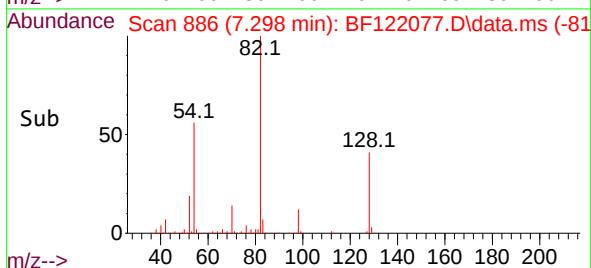
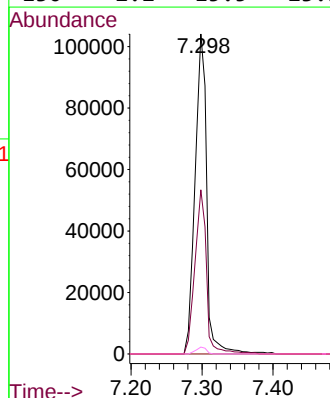
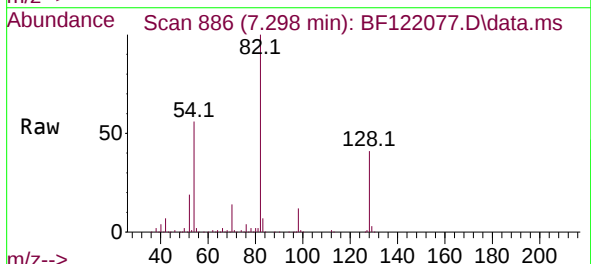
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ClientSampleId :
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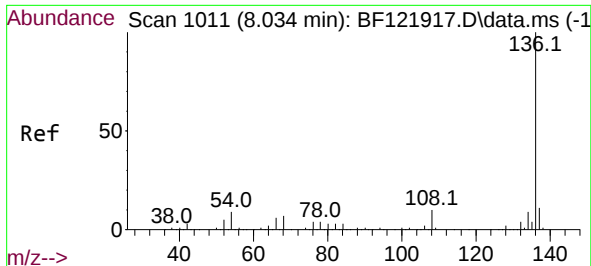
Tgt Ion: 99 Resp: 1208440
Ion Ratio Lower Upper
99 100
42 21.4 15.9 23.9
71 37.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.91 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

Tgt Ion: 70 Resp: 119168
Ion Ratio Lower Upper
70 100
42 51.3 50.2 75.4
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



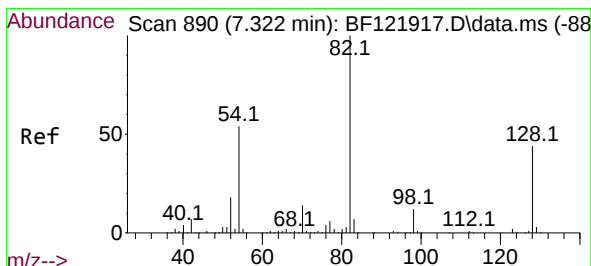
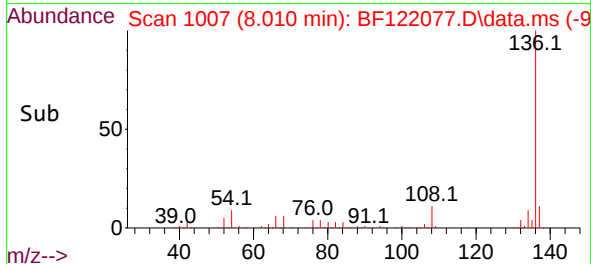
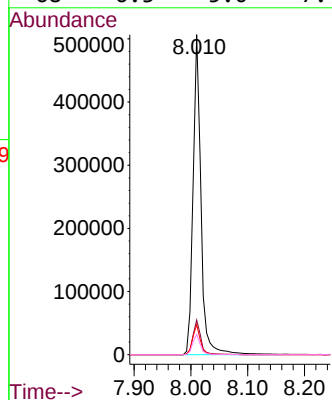
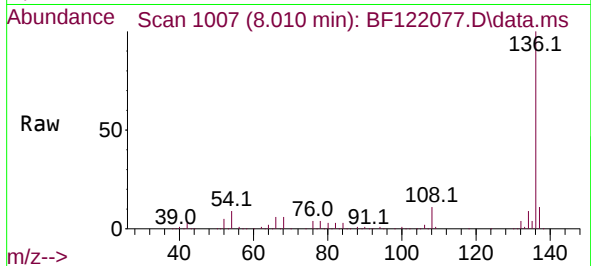


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

Instrument :
BNA_F
ClientSampleId :
PB132482BL

Tgt Ion:136 Resp: 491902

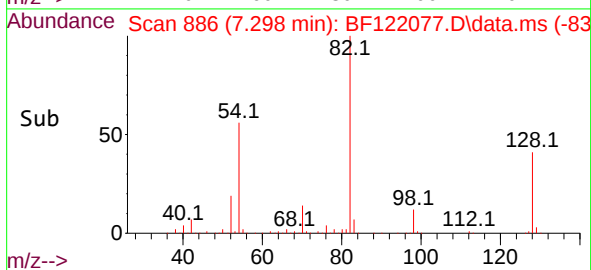
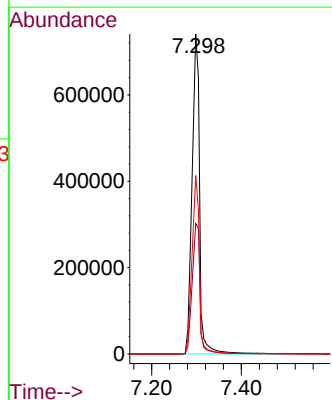
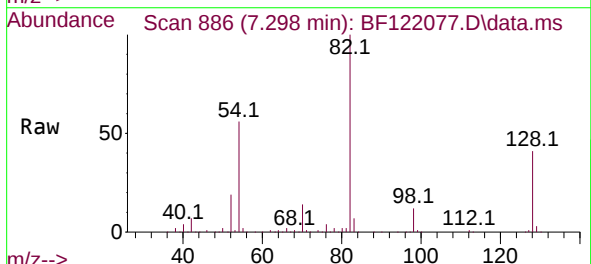
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.4	7.1	10.7
68	6.3	5.0	7.4

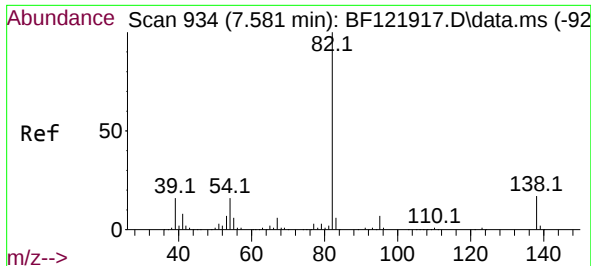


#23
Nitrobenzene-d5
Concen: 90.33 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

Tgt Ion: 82 Resp: 866407

Ion	Ratio	Lower	Upper
82	100		
128	40.8	35.0	52.4
54	55.7	43.9	65.9

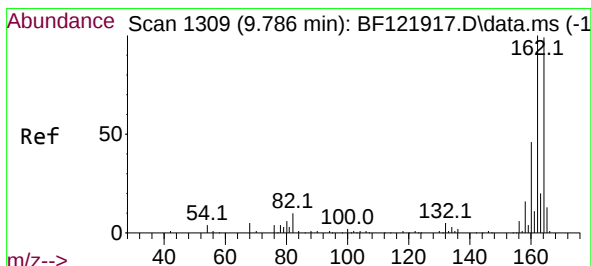
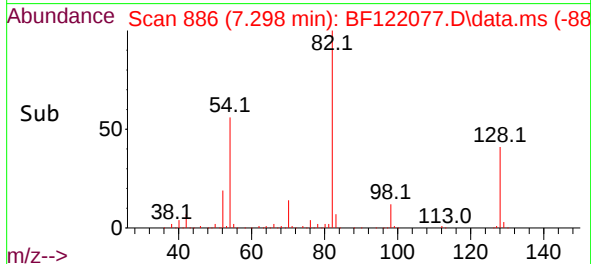
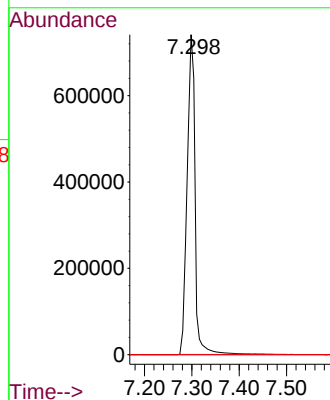
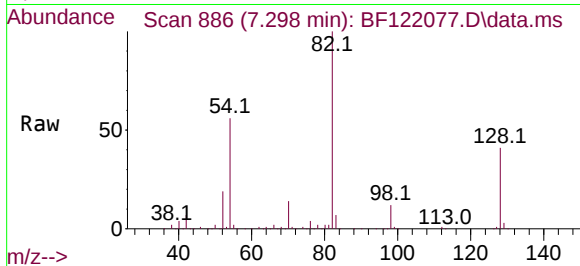




#25
Isophorone
Concen: 47.23 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.265 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

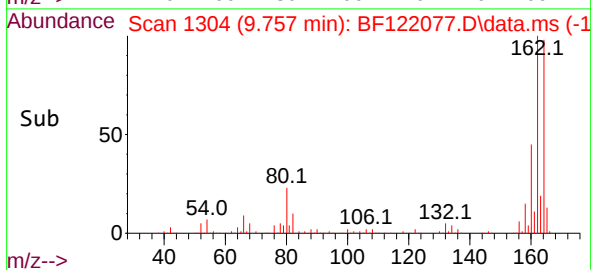
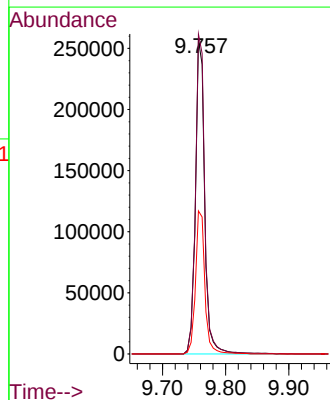
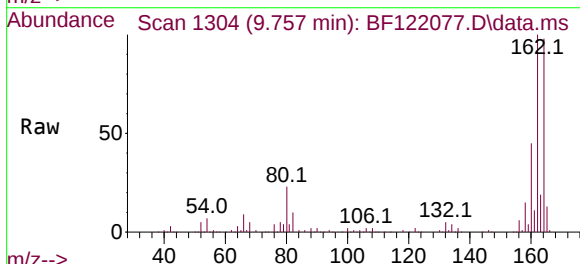
Instrument :
BNA_F
ClientSampleId :
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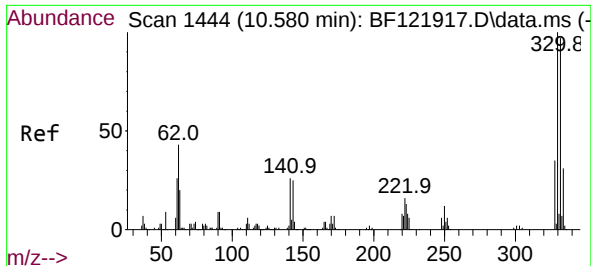
Tgt Ion: 82 Resp: 856564
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

Tgt Ion:164 Resp: 260165
Ion Ratio Lower Upper
164 100
162 101.9 83.2 124.8
160 45.6 37.5 56.3

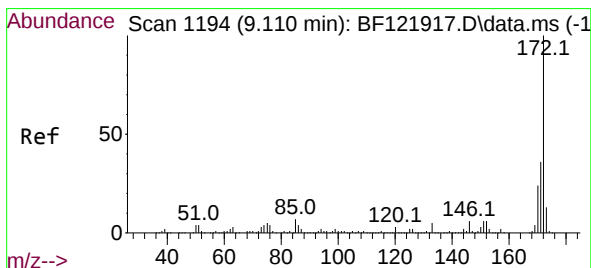
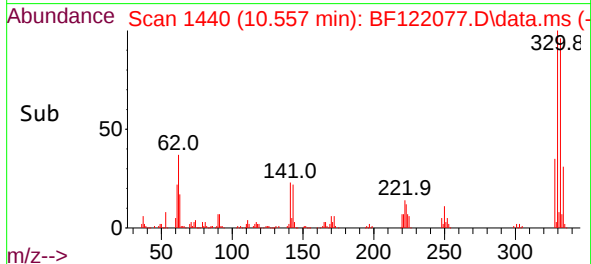
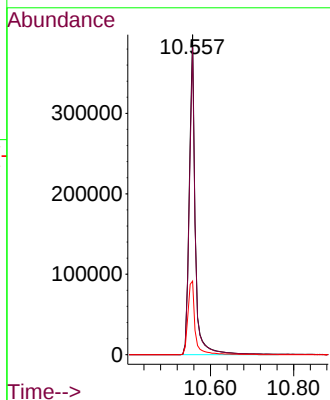
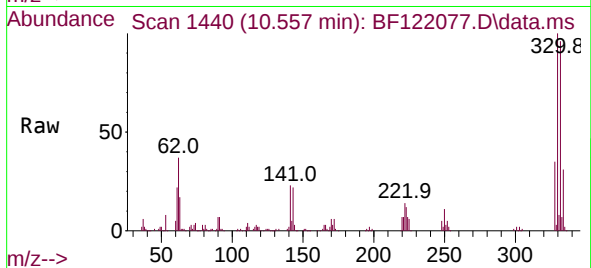




#42
2,4,6-Tribromophenol
Concen: 121.69 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

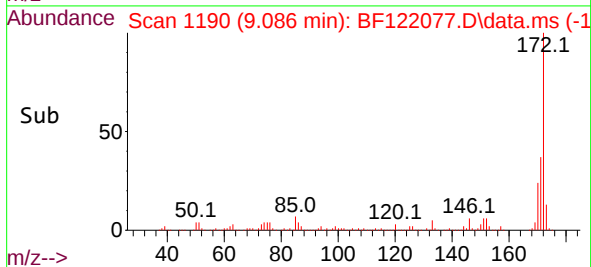
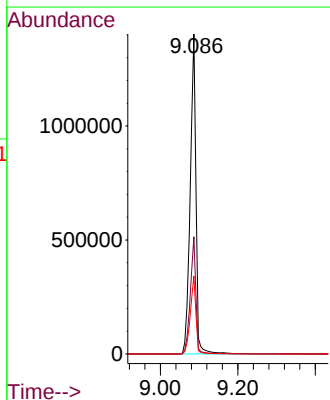
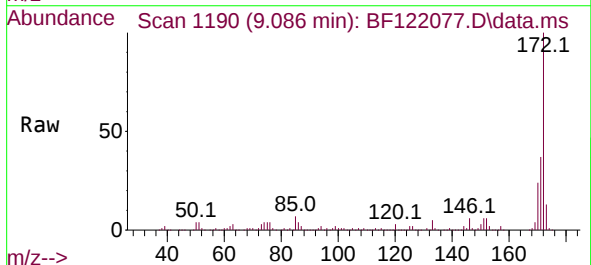
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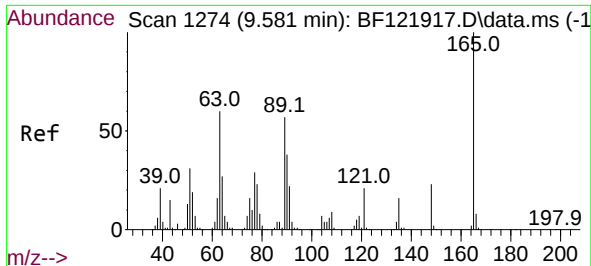
Tgt Ion:330 Resp: 391647
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 28.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 82.09 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

Tgt Ion:172 Resp: 1451441
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.4 19.8 29.6

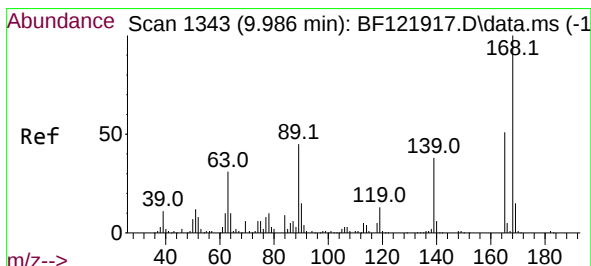
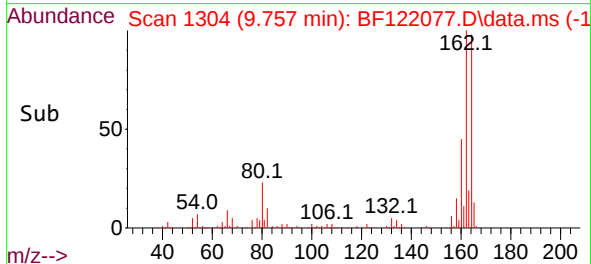
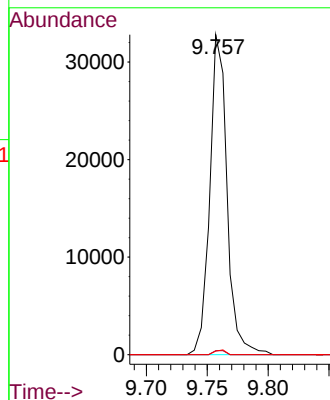
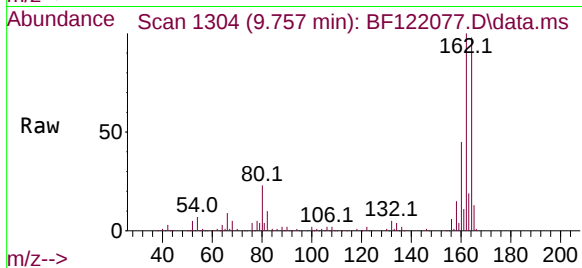




#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.194 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

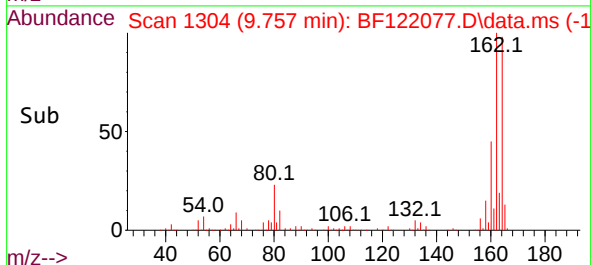
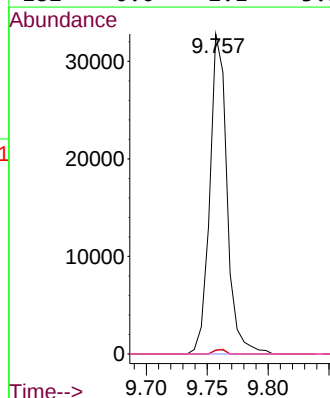
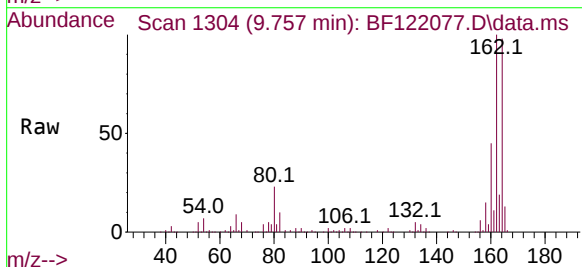
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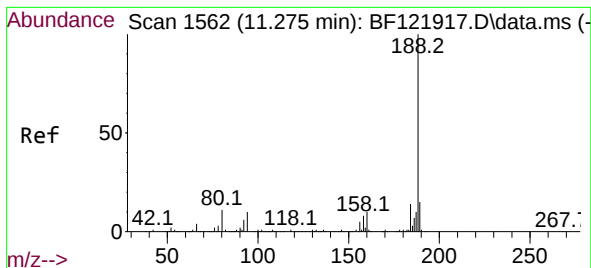
Tgt Ion:165 Resp: 32258
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.1 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

Tgt Ion:165 Resp: 32258
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.1 61.8 92.8#
182 0.0 2.1 3.1#

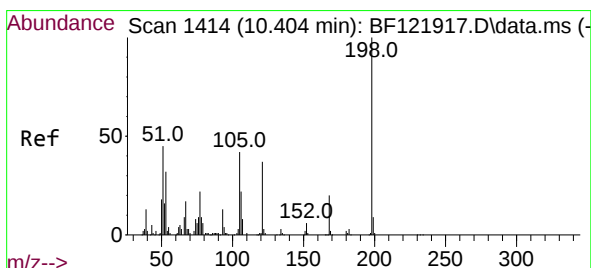
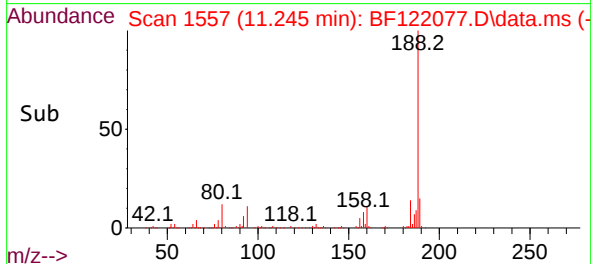
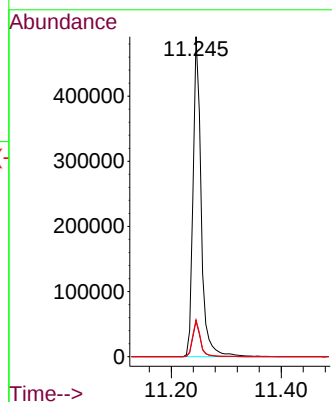
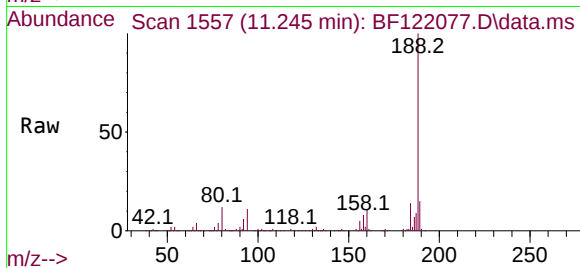




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

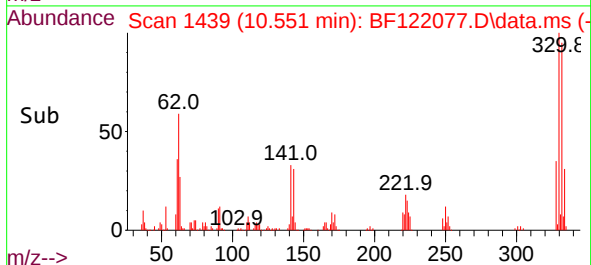
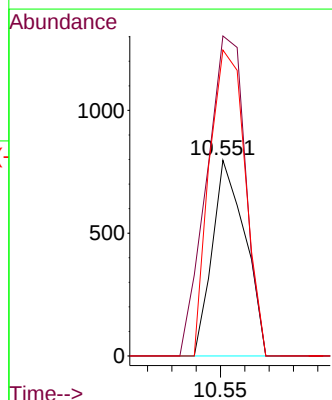
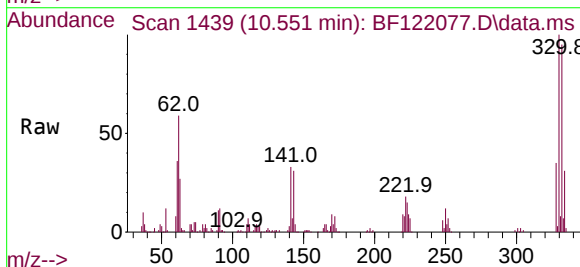
Instrument :
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ClientSampleId :
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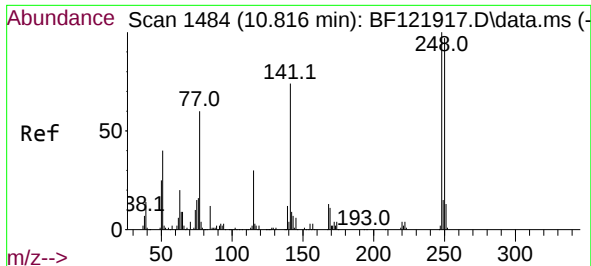
Tgt Ion:188 Resp: 502273
Ion Ratio Lower Upper
188 100
94 11.0 8.3 12.5
80 11.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.63 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.165 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

Tgt Ion:198 Resp: 748
Ion Ratio Lower Upper
198 100
51 163.5 29.6 69.6#
105 156.3 24.4 64.4#

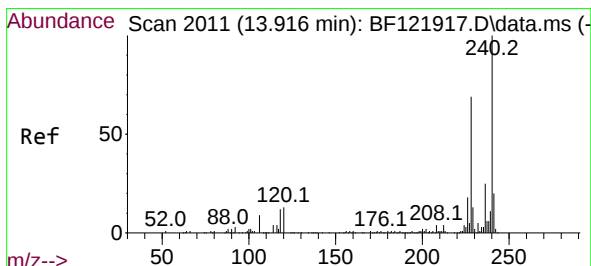
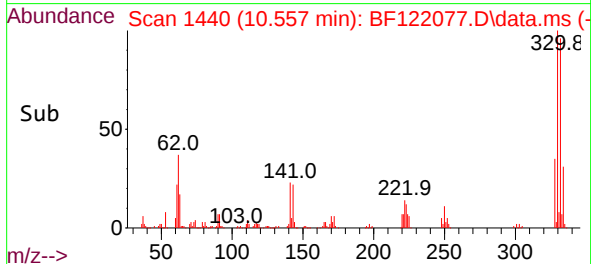
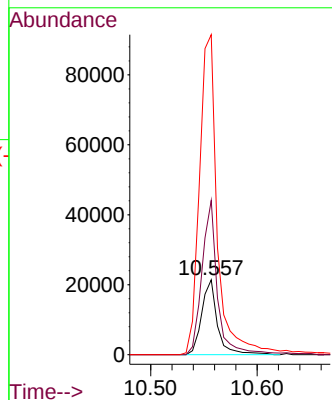
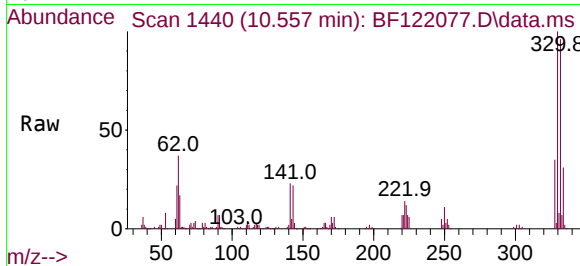




#67
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.235 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

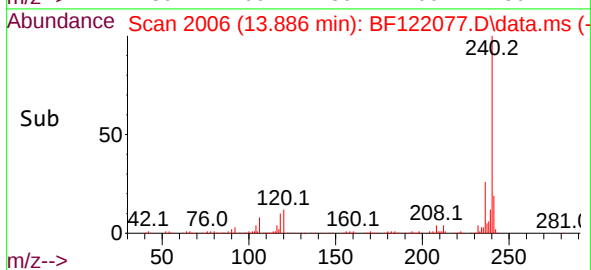
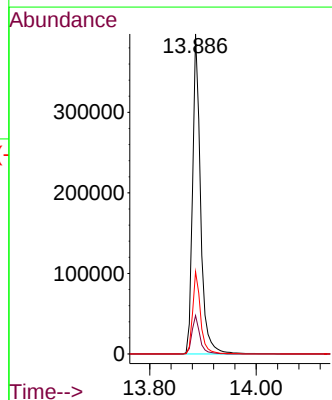
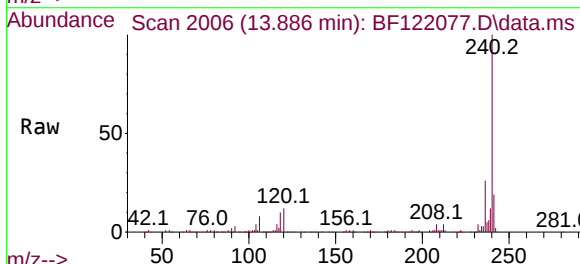
Instrument :
BNA_F
ClientSampleId :
PB132482BL

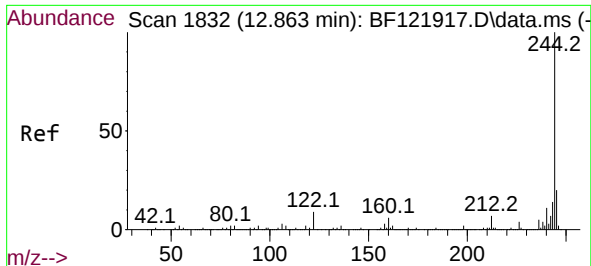
Tgt Ion:248 Resp: 22096
Ion Ratio Lower Upper
248 100
250 205.7 77.0 115.6#
141 426.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

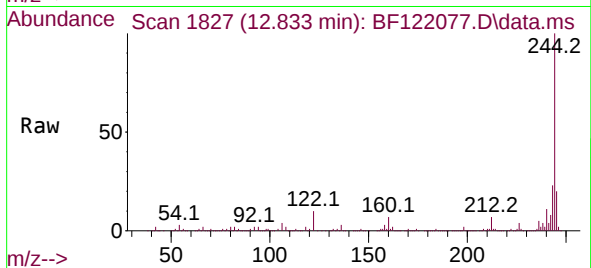
Tgt Ion:240 Resp: 414943
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 25.7 20.9 31.3



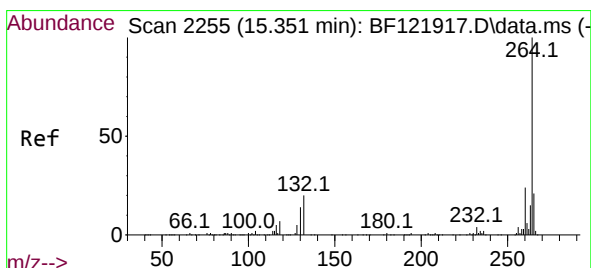
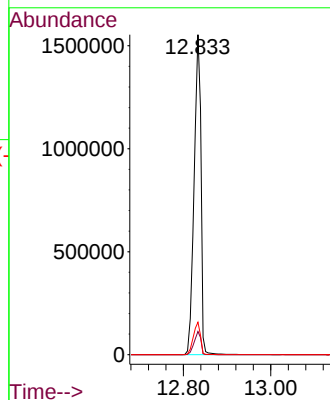
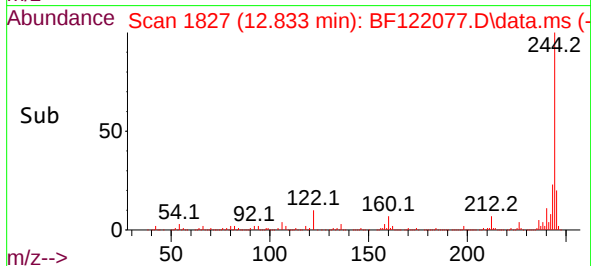


#79
Terphenyl-d14
Concen: 77.49 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48

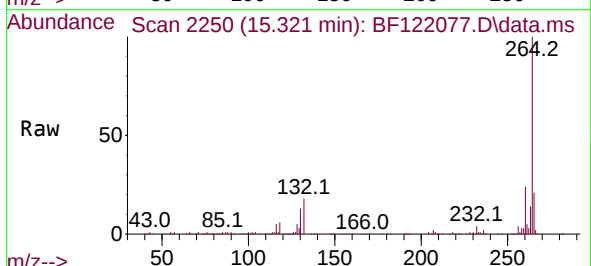
Instrument :
BNA_F
ClientSampleId :
PB132482BL



Tgt Ion:244 Resp: 1687224
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.1 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF122077.D
Acq: 22 Oct 2020 11:48



Tgt Ion:264 Resp: 358696
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.3 17.3 25.9

